

- \* SWBAT define and find "Net Force"
- \* SWBAT use the scientific method to create and complete an experiment, recording the learning in a Vee Chart.

Sep 6-2:31 PM

# Welcome!!!

H. Leslie Grebe

- \* Pick up:
  - 'Apple' sheet
  - whiteboard, marker, cloth eraser
  - small slip of paper (for later)

## Opening Activity:

- Please put your NAME on the apple sheet
- Answer who you agree with most and why

We'll have our daily 3 questions...

SECA Physics  
Tuesday 16 September 2014

New people?



Sep 7-7:04 AM

- \* Prizes
- \* Participation points reminder...
- \* Comment corner

For each question, answer "Yes" or "No"

Would the guy on the video agree that science is...

1. Biased (has assumptions)? **YES**

2. Certain / absolute? **NO**

3. **Based** on belief? **NO**  
**STARTS WITH**

CENTERING

Sep 14-7:28 AM

Big Idea for the Day:

What the heck is a "Net Force"?

A Force is...  
A PUSH OR A PULL



UNITS?  
NEWTONS  
N

**NET FORCE**  
COMBINATION OR SUM  
OF ALL FORCES

NET INCOME  
+\$10  
-\$3  
-\$1  
+ \$6

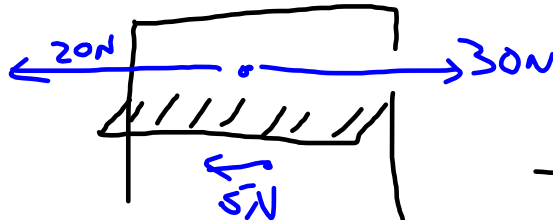
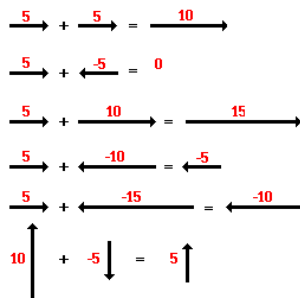
Sep 16-2:23 PM

FORCE IS A PUSH OR A PULL  
VECTOR: HAS SIZE & DIRECTION

A FORCE IS A VECTOR

3 THINGS  
- SIZE  
- W/ UNITS  
- DIRECTION

N



5N South

+  
S

Sep 17-8:21 AM

### Our 3 Questions

- \* Most periods except test/project times
- \* 3 Questions on the topics of the class
- \* Main source of classwork points
- \* I am happy to give full credit when I have no concerns about someone giving or getting help with the answers.

CP Homework: Write and answer an example question about net force.

You can't get your points if you don't have your NAME!!!

Name	Period
1.	
2.	
3.	

Sep 9-7:32 AM

1. A **force** is a **push** or a **PULL**.
2. A **vector** has **size** and **DIRECTION**
3. The standard units for force are
  - A. **Newton (N)**
  - B. Meters (m)
  - C. Liters (L)

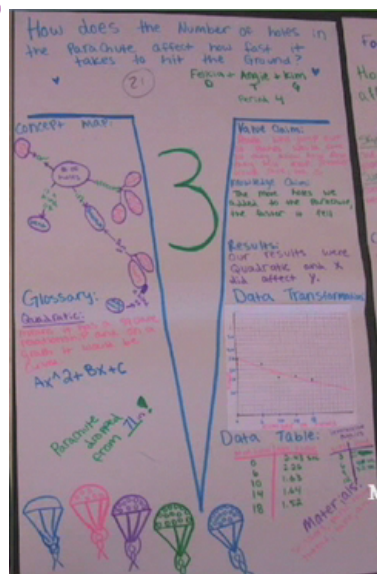
Sep 14-7:28 AM

The Vee Chart:  
Shows what we found out from an experiment.

Someone from group

Tell...

- What was your focus question?
- What does your data show?
- One thing surprising or interesting



Sep 9-7:20 AM